

ABSTRACT

- 5 An improved process for making sheet from a fibrous furnish includes:
depositing the furnish on a foraminous support; compactively dewatering the furnish
to form a nascent web; drying the web on a heated cylinder; creping the web
therefrom and throughdrying the web to a finished product. The microstructure of the
web is controlled so as to facilitate throughdrying. The product exhibits a
10 characteristic throughdrying coefficient of from 4 to 10 when the airflow through the
sheet is characterized by a Reynolds Number of less than about 1. The novel
products of the invention are characterized by wet springback ratio, hydraulic
diameter and an internal bond strength parameter.